

...MARCH 2010 REGIONAL CLIMATE SUMMARY...

SUMMARY FOR THE SAN FRANCISCO BAY AREA AND MONTEREY BAY AREA...
THE BEGINNING AND END OF MARCH WERE COOLER THAN NORMAL WITH SEVERAL DAYS OF MEASURABLE RAINFALL. THE MIDDLE OF THE MONTH WAS DRY AND WARM. AS A WHOLE...MARCH 2010 WENT INTO THE RECORD BOOKS AS A MONTH WITH NEAR NORMAL TEMPERATURES AND BELOW NORMAL PRECIPITATION.

TEMPERATURES DURING THE FIRST TWO WEEKS OF THE MONTH WERE MOSTLY BELOW NORMAL AS A SERIES OF WEATHER SYSTEMS MOVED INTO CALIFORNIA. MOST OF THESE SYSTEMS WERE RELATIVELY WEAK AND RAINFALL AMOUNTS WERE LIGHT TO MODERATE. THE MOST SIGNIFICANT RAINS CAME ON THE 2ND AND 3RD AND THEN AGAIN ON THE 12TH.

A RIDGE OF HIGH PRESSURE DEVELOPED ALONG THE WEST COAST AT THE BEGINNING OF THE THIRD WEEK...AND THIS RIDGE MAINTAINED DRY AND WARM WEATHER ACROSS THE REGION FROM THE 15TH THROUGH THE 21ST. THE WARM SPELL PEAKED ON THE 18TH AND 19TH WHEN RECORD HIGH TEMPERATURES OF AROUND 80 DEGREES WERE SET OR TIED IN THE SAN FRANCISCO BAY AREA.

NEAR NORMAL TEMPERATURES AND LIGHT AMOUNTS OF PRECIPITATION WERE OBSERVED FROM THE 22ND THROUGH THE 29TH. TEMPERATURES THEN DROPPED BELOW NORMAL DURING THE FINAL TWO DAYS OF THE MONTH AS A WEATHER SYSTEM BROUGHT MODERATE AMOUNTS OF RAINFALL TO THE REGION.

LIKE FEBRUARY...MARCH WAS BEREFT OF ANY BIG STORMS AND THE WEATHER WAS RATHER TRANQUIL FOR LATE WINTER AND EARLY SPRING. THIS GENERAL LACK OF STORMINESS RESULTED IN BELOW NORMAL RAINFALL FOR THE MONTH AT NEARLY ALL CLIMATE STATIONS. GENERALLY...BETWEEN 60 AND 90 PERCENT OF NORMAL RAINFALL WAS RECORDED ACROSS THE REGION DURING MARCH. SOME INTERIOR VALLEY LOCATIONS IN MONTEREY AND SAN BENITO COUNTIES PICKED UP LESS THAN 30 PERCENT OF THEIR NORMAL MARCH RAINFALL. REGARDLESS OF DRIER THAN NORMAL MARCH CONDITIONS...YEAR-TO-DATE (YTD) RAINFALL TOTALS AS OF MARCH 31ST WERE CLOSE TO THE 30-YEAR AVERAGE. RAIN TOTALS FROM JULY 1ST TO MARCH 31ST RANGED FROM 90 PERCENT OF NORMAL IN THE NORTH BAY TO NEARLY 115 PERCENT OF NORMAL NEAR MONTEREY BAY.

DESPITE THE RECORD WARMTH DURING THE MIDDLE OF THE MONTH...
TEMPERATURES AS A WHOLE AVERAGED NEAR TO SLIGHTLY BELOW NORMAL.
AVERAGE HIGHS FOR THE MONTH WERE GENERALLY VERY CLOSE TO NORMAL...
WHILE AVERAGE LOW TEMPERATURES WERE MOSTLY A BIT BELOW NORMAL.

...MARCH REGIONAL TEMPERATURE SUMMARY...

LOCATION	AVG	NORMAL	DEPARTURE	AVG	NORMAL	DEPARTURE
	HIGH	HIGH	FROM NORMAL	LOW	LOW	FROM NORMAL
NORTH BAY...						
ANGWIN	59.0	58.8	0.2	39.0	39.9	-0.9
KENTFIELD	63.7	65.2	-1.5	42.9	43.9	-1.0

NAPA	67.1	66.0	1.1	41.8	43.0	-1.2
PETALUMA	64.0	64.5	-0.5	40.8	42.2	-1.4
SAINT HELENA	65.8	65.0	0.8	42.2	41.6	0.6
SAN RAFAEL	62.6	64.6	-2.0	43.9	45.2	-1.3
SANTA ROSA	65.1	64.4	0.7	40.9	42.9	-2.0
SONOMA	64.3	66.9	-2.6	39.8	41.5	-1.7

SAN FRANCISCO PENINSULA...

HALF MOON BAY	62.1	59.8	2.3	41.4	44.6	-3.2
PACIFICA	58.9	61.0	-2.1	45.6	46.4	-0.8
PALO ALTO	64.7	64.2	0.5	41.7	43.5	-1.8
REDWOOD CITY	64.2	65.2	-1.0	42.9	44.3	-1.4
SAN FRANCISCO AIRPORT	62.5	61.4	1.1	47.7	46.8	0.9
SAN FRANCISCO DOWNTOWN	61.8	62.0	-0.2	48.6	49.2	-1.4

EAST BAY...

BERKELEY	64.6	61.2	3.4	44.8	47.0	-2.2
CONCORD	65.5	67.5	-2.0	44.8	46.6	-1.8
FREMONT	64.3	66.1	-1.8	44.4	46.2	-1.8
LIVERMORE	65.2	65.6	-0.4	41.8	42.3	-0.5
MARTINEZ	65.3	65.9	-0.6	40.8	44.4	-3.6
MOUNT DIABLO JUNCTION	58.7	59.0	-0.3	41.6	40.6	1.0
NEWARK	64.5	63.7	0.8	46.3	47.3	-1.0
OAKLAND	64.6	63.3	1.3	47.4	49.1	-1.7
RICHMOND	61.9	63.9	-2.0	43.3	47.1	-3.8

SOUTH BAY AND SANTA CRUZ COUNTY...

BEN LOMOND	66.8	66.2	0.6	37.5	40.6	-3.1
GILROY	67.8	67.0	0.8	41.2	43.3	-2.1
LOS GATOS	66.3	65.4	0.9	42.1	42.5	-0.4
MOUNT HAMILTON	50.4	50.4	0.0	37.7	37.0	0.7
SAN JOSE	65.3	65.9	-0.6	44.7	46.5	-1.8
SANTA CRUZ	66.3	64.3	2.0	41.1	43.2	-2.1
WATSONVILLE	65.3	63.6	1.7	41.7	43.6	-1.9

MONTEREY AND SAN BENITO COUNTIES...

BIG SUR STATION	64.1	64.7	-0.6	43.8	43.6	0.2
CARMEL VALLEY	65.2	64.9	0.3	38.9	40.4	-1.5
HOLLISTER	65.9	65.5	0.4	41.2	42.3	-1.1
KING CITY	69.4	68.5	0.9	40.2	40.9	-0.7
MONTEREY	61.4	62.1	-0.7	44.8	45.8	-0.8
PINNACLES NATIONAL MONUMENT	66.2	65.4	0.8	36.2	37.6	-1.4
SALINAS	64.5	65.1	-0.6	42.0	44.7	-2.7

...MARCH REGIONAL PRECIPITATION SUMMARY...

LOCATION	MARCH TOTAL	AVERAGE MARCH PRECIP	PERCENT OF NORMAL
NORTH BAY...			
ANGWIN	4.11	6.21	66
KENTFIELD	5.81	7.05	82
MUIR WOODS	4.79	5.60	86
NAPA	2.63	4.09	64
OCCIDENTAL	6.00	8.14	74
PETALUMA	2.60	3.91	66
SAINT HELENA	3.79	5.57	68
SAN RAFAEL	4.31	4.63	93
SANTA ROSA	3.74	4.74	79
SONOMA	M	4.65	M
SAN FRANCISCO PENINSULA...			
HALF MOON BAY	M	4.36	M
PACIFICA	M	4.39	M
PALO ALTO	2.05	2.67	77
REDWOOD CITY	2.31	3.30	70
SAN FRANCISCO AIRPORT	2.78	3.26	85
SAN FRANCISCO DOWNTOWN	2.79	3.25	86
EAST BAY...			
BERKELEY	2.92	3.78	77
CONCORD	1.84	2.06	89
FREMONT	1.57	1.96	80
LIVERMORE	1.57	2.44	64
MARTINEZ	2.01	3.24	62
MOUNT DIABLO JUNCTION	2.77	3.95	70
NEWARK	1.95	2.39	82
OAKLAND	2.77	3.56	78
RICHMOND	2.83	3.55	80
SOUTH BAY AND SANTA CRUZ COUNTY...			
BEN LOMOND	4.70	7.50	63
GILROY	2.08	3.70	56
LOS GATOS	1.51	3.93	38
MOUNT HAMILTON	2.72	3.90	70
SAN JOSE	2.05	2.59	79
SANTA CRUZ	3.17	4.78	66
WATSONVILLE	2.33	3.92	59
MONTEREY AND SAN BENITO COUNTIES...			

BIG SUR STATION	3.86	7.30	53
CARMEL VALLEY	2.51	2.68	94
HOLLISTER	2.87	2.44	118
KING CITY	0.66	2.49	27
MONTEREY	3.19	3.53	90
PINNACLES NATIONAL MONUMENT	0.98	3.47	28
SALINAS	2.71	2.76	98

...DAILY TEMPERATURE RECORDS FOR MARCH 2010...

DATE	LOCATION	RECORD	
		HIGH TEMP	OLD RECORD
3/18	SANTA ROSA	84	83 IN 2004
3/19	MOFFETT FIELD	80	79 IN 1984
3/19	SAN FRANCISCO AIRPORT	78	76 IN 2001
3/19	SAN FRANCISCO DOWNTOWN	80	80 IN 1914

...MONTHLY RANKS FOR DOWNTOWN SAN FRANCISCO...

AVERAGE HIGH TEMPERATURE.....61.8.....50TH WARMEST OUT OF 135 YEARS
 AVERAGE LOW TEMPERATURE.....48.6.....60TH WARMEST OUT OF 135 YEARS
 MONTHLY RAINFALL.....2.79 INCHES.....74TH WETTEST OUT OF 160 YEARS

NOTE: THIS CLIMATOLOGICAL DATA IS PRELIMINARY. FOR OFFICIAL
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